L Number	Hits	Search Text	DB	Time stamp
	3	bonding adj pad near12 (anode or cathode) near12 thyristor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:07
2	2	bonding adj pad near15 (anode or cathode) near15 (gate near3 line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:12
3	7224	((257/431) or (257/432) or (257/433) or (257/290) or (257/291) or (257/292) or (257/293) or (257/100) or (257/101) or (257/102) or (257/103) or (345/44) or (345/45) or (345/46)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:13
4	25	1 '	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11 17:23
5	0	(((257/431) or (257/432) or (257/433) or (257/290) or (257/291) or (257/292) or (257/293) or (257/293) or (257/100) or (257/101) or (257/102) or (257/103) or (345/44) or (345/45) or (345/46)).CCLS.) and gate adj2 line near15 (anode or cathode) near15 bonding adj pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11 17:25
6	0	gate adj2 line near15 (anode or cathode) near15 bonding adj pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:26
7	0	(gate or bit or word) adj2 line near15 (anode or cathode) near15 bonding adj pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:27
8	21	(gate or bit or word) near15 (anode or cathode) near15 pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11
9	0	jp-092807910\$-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 19:13
10	0	"092807910"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 19:13
11	18	"2807910"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 19:14
12	10	control adj terminal near12 bonding adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11

				10000100
~	93		USPAT;	2002/11/11
		emitting).ti,ab. and thyristor.ti,ab. and	US-PGPUB;	13:42
		(array or matrix).ti,ab.	EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	2000/05/00
_	5	(light-emitting or light adj	USPAT;	2002/05/02
		emitting).ti,ab. and thyristor.ti,ab. and	US-PGPUB;	17:18
		(array or matrix).ti,ab. and 257/\$6.ccls.	EPO; JPO;	
			DERWENT;	
		(#i 21040704 4 did #) PM	IBM_TDB	2002/05/02
_	0	("jp-3194978\$-\$.did.").PN.	USPAT; US-PGPUB;	17:18
			EPO; JPO;	17.10
			DERWENT;	
			IBM TDB	
_	2	jp-03194978\$-\$.did.	USPAT;	2002/05/02
	2	Jp 031343700 V.a.a.	US-PGPUB;	17:49
			EPO; JPO;	-/ •
			DERWENT;	
			IBM TDB	
_	2	jp-09150543\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB;	17:24
			EPO; JPO;	:
	ĺ		DERWENT;	
			IBM_TDB	
_	2	jp-09216416\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB;	17:26
			EPO; JPO;	
			DERWENT;	,
			IBM_TDB	
-	0	jp-0283792\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB;	17:27
			EPO; JPO;	ļ
			DERWENT;	
	2	00202702¢ ¢ did	IBM_TDB USPAT;	2002/05/02
] -		jp-09283792\$-\$.did.	US-PGPUB;	17:27
1			EPO; JPO;	17.27
			DERWENT;	
1			IBM TDB	
_	492	(257/431).CCLS.	USPAT;	2002/05/02
		(2017) 2027 100201	US-PGPUB	17:50
_	488	(257/432).CCLS.	USPAT;	2002/05/02
		·	US-PGPUB	17:50
-	299	(257/433).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	226	(257/290).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	260	(257/291).CCLS.	USPAT;	2002/05/02
	275	(057/000)	US-PGPUB	17:50
-	278	(257/292).CCLS.	USPAT;	2002/05/02
		(257/202) CCI C	US-PGPUB USPAT;	17:50 2002/05/02
_	53	(257/293).CCLS.	US-PGPUB	17:50
_	497	(257/99).CCLS.	USPAT;	2002/05/02
	1 22/	(2017)07.00113.	US-PGPUB	17:50
1_	140	(257/100).CCLS.	USPAT;	2002/05/02
1	1 1 1	120.7.2007.0020.	US-PGPUB	17:50
_	180	(257/101).CCLS.	USPAT;	2002/05/02
1	1	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	17:50
_	214	(257/102).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:51
_	701	(257/103).CCLS.	USPAT;	2002/05/02
		·	US-PGPUB	17:51
		······································		

			1	0000/05/05
-	2	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	18:45
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
İ		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (((light-emitting		
		or light adj emitting) near12 thyristor)		
		near12 (matrix or matrices or array))		
-	1	((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	17:55
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
ì		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (((light-emitting		
		or light adj emitting) near12 thyristor)		
		near12 (matrix or matrices or array)))		
		and (chip or die)		
-	11	(US-4754175-\$ or US-6180960-\$).did. or	USPAT;	2002/05/02
}		(JP-03194978-\$ or JP-09150543-\$ or	JPO;	18:11
1		JP-09216416-\$ or JP-09283792-\$).did. or	DERWENT	
}		(JP-03194978-\$ or JP-09150543-\$ or		
1		EP-335553-\$ or US-6180960-\$).did.		
-	0	((US-4754175-\$ or US-6180960-\$).did. or	USPAT;	2002/05/02
		(JP-03194978-\$ or JP-09150543-\$ or	US-PGPUB;	18:12
1		JP-09216416-\$ or JP-09283792-\$).did. or	EPO; JPO;	
		(JP-03194978-\$ or JP-09150543-\$ or	DERWENT;	
		EP-335553-\$ or US-6180960-\$).did.) and	IBM_TDB	
1		bond\$3 adj pad		,
-	2	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	18:51
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 thyristor)		
1		and (thyristor near12 (matrix or matrices		
	_	or array))	HCDAE -	2002/05/02
~	5	((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02 18:57
1		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	10:21
ļ		or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.)	DERWENT; IBM TDB	
ļ		or ((257/100).ccls.) or ((257/101).ccls.)	TDIT_TOB	
1		((257/103).CCLS.)) and ((light-emitting or light adj emitting) near12 (array or		
1		matrix or matrices))) and thyristor		
_	0	(((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
i -		or ((257/431).CCLS.) or ((257/432).CCLS.)	US-PGPUB;	18:56
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	10.00
	1	or ((257/293).CCLS.) or ((257/292).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM TDB	
1		or ((257/100).CCLS.) or	101-100	
[((257/102).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 (array or		
	Į.	matrix or matrices))) and thyristor) and		
		bonding adj pad		
_	5	(((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/431).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	18:57
	1	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
1		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
	1	or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM TDB	
		or ((257/100).ccls.) or		
		((257/103).CCLS.)) and ((light~emitting		
1		or light adj emitting) near12 (array or		
		matrix or matrices))) and thyristor) and		
	1	thyristor		

	5	((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
-	5	or ((257/431).CCLS.) or ((257/432).CCLS.)	US-PGPUB;	18:57
	1	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or	_	
		((257/103).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 (array or		
	33	matrix or matrices))) and thyristor	USPAT;	2002/05/02
-	33	(((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.)	US-PGPUB;	19:37
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	13.37
1		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
	1	or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 (array or		1
l		matrix or matrices))) and bonding adj pad	IICDAT.	2002/05/02
-	0	(((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.)	USPAT; US-PGPUB;	2002/05/02
	(or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	13.3,
	1	or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
1	ļ	or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
	1	or ((257/102).CCLS.) or	_	
		((257/103).CCLS.)) and ((light-emitting	1	
		or light adj emitting) near12 (array or		
		matrix or matrices))) and bonding adj pad) and thyristor		
<u> </u>	218	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
	218	or ((257/431).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	19:56
	İ	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
	1	or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
	1	((257/103).CCLS.)) and ((light-emitting	!	
		or light adj emitting) near12 (array or matrix or matrices))		
_	26	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	20:03
]	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
	Į.	or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (gate-selecting or gate adj selecting or gate near10		
	1	select\$3) adj2 line		
-	4798	(gate-selecting or gate adj selecting or	USPAT;	2002/05/02
		gate near10 select\$3) adj2 line	US-PGPUB;	20:04
	1		EPO; JPO;	
	}		DERWENT;	
	0	 (gate-selecting or gate adj selecting or	IBM_TDB USPAT;	2002/05/02
-		gate selecting or gate adj selecting or gate near10 select\$3) adj2 line and	US-PGPUB;	20:05
	1	thyristor and bond adj pad	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	0	(gate-selecting or gate adj selecting or	USPAT;	2002/05/02
	1	gate near10 select\$3) adj2 line and bond	US-PGPUB;	20:07
		adj pad and (light-emitting or light adj	EPO; JPO;	
		emitting)	DERWENT;	
_	30	 (gate-selecting or gate adj selecting or	IBM_TDB USPAT;	2002/05/02
_	30	gate near10 select\$3) adj2 line and	US-PGPUB;	20:08
		thyristor	EPO; JPO;	
		•	DERWENT;	
	1		IBM_TDB	
-	41	(gate-selecting or gate adj selecting or	USPAT;	2002/05/02
1	1	gate near10 select\$3) adj2 line and bond	US-PGPUB;	20:20
		adj pad	EPO; JPO;	
	1		DERWENT; IBM TDB	
L	L	<u></u>	I TOM IND	

				0000 (05 (55
_	16	(gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line and bond adj pad and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 21:40
	*		IBM TDB	
_	0	jp-02807910\$-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 20:56
_	0	ohno.in. and seiji.in. and thyristor and bond adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/02 20:57
_	30	ohno.in. and seiji.in.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/02 21:01
			EPO; JPO; DERWENT; IBM_TDB	
-	0	ohno.in. and seiji.in.	JPO	2002/05/02 21:04
-	154	kusuda.in. and yukihisa.in.	JPO	2002/05/02 21:04
-	0	kusuda.in. and yukihisa.in. and bond adj pad and thyristor	JPO	2002/05/02 21:05
_	0	kusuda.in. and yukihisa.in. and bond adj	JPO	2002/05/02 21:05
_	56	kusuda.in. and yukihisa.in. and (light-emitting)	JPO	2002/05/02 21:08
-	11	kusuda.in. and yukihisa.in. and (light-emitting or light adj emitting)	JPO	2002/05/02 21:13
-	5	and (chip or die) kusuda.in. and yukihisa.in. and (light-emitting or light adj emitting) and (chip or die) and bonding adj pad	JPO	2002/05/02 21:17
-	3	("5451977").PN.	USPAT; US-PGPUB;	2002/05/02 21:18
_	1	5451977.pn. and bond\$3 adj pad and thyristor	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 21:19
_	1	"4943970".PN.	IBM_TDB USPAT	2002/05/02 21:33
_	1	"4829357".PN.	USPAT	21:33 2002/05/02 21:33
_	1	"4819048".PN.	USPAT	2002/05/02 21:33
_	1	"4757210".PN.	USPAT	2002/05/02
_	1	"4757210".PN.	USPAT	2002/05/02
_	1	"4672219".PN.	USPAT	2002/05/02 21:35
_	1	"5821569".PN.	USPAT	2002/05/02 21:36
_	1	"5753941".PN.	USPAT	2002/05/02 21:36
-	15	(matrix or array) same (light-emitting or light adj emitting or thyristor) same bond adj pad and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/02 22:18

7	152	(light-emitting or light adj emitting or thyristor) same (bond or bonding) adj pad and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 22:19
_	6	(light-emitting or light adj emitting or thyristor) same (plurality near3 (bond or bonding) adj pad) and 257/\$6.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 22:20
-	0	"L21" and ((light-emitting or light adj emitting) near12 thyristor) and (thyristor near12 (matrix or matrices or array))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 10:11
_	70	((light-emitting or light adj emitting) near12 thyristor) and (thyristor near12 (matrix or matrices or array))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 10:23
_	6	((light-emitting or light adj emitting) near12 thyristor) and (thyristor near12 (matrix or matrices or array)) and ((bond or bonding) adj pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 11:58
_	92	array adj pitch and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:30
_	17565	257/\$6.ccls. and array pitch same "micro.m"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:31
_	17565	257/\$6.ccls. and (array pitch same "micro.m") and array	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:31
-	0	257/\$6.ccls. and (array adj pitch same "micro.m") and chip	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:32
_	0	257/\$6.ccls. and (array adj pitch same "micro.m") and (die or chip)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:32
-	0	257/\$6.ccls. and (array adj pitch same "micro.m")	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:33
_	2	257/\$6.ccls. and (array adj pitch near6 value)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:35
_	4	257/\$6.ccls. and (array adj pitch near6 micron)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 13:37
-	0	257/\$6.ccls. and (array adj pitch near6 tolerance)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 13:37

-	6257	((257/431).CCLS.) or ((257/432).CCLS.) or	USPAT;	2002/05/03
		((257/433).CCLS.) or ((257/290).CCLS.) or	US-PGPUB;	15:05
		((257/291).CCLS.) or ((257/292).CCLS.) or	EPO; JPO;	
		((257/293).CCLS.) or ((257/99).CCLS.) or	DERWENT;	
		((257/100).CCLS.) or ((257/101).CCLS.) or	IBM_TDB	
		((257/102).CCLS.) or ((257/103).CCLS.)		
-	4	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	14:25
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
İ		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (array or matrix)		
İ		and (light-emitting or light adj		
1	_	emitting) and (anode near2 line)		2222 (25 (22
-	7	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
1		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	14:27
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (array or matrix)		
		and (light-emitting or light adj		
		emitting) and ((cathode or anode) near2		
	-	line)	IICDAT.	2002/05/02
-	5	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03 14:28
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	14:20
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
1		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or ((257/103).CCLS.)) and (array or matrix)		
		and (light-emitting or light adj		
		emitting) and ((cathode or anode) near2		
		select\$3)		
\ _	0	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	14:31
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	21102
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM TDB	
		or ((257/102).CCLS.) or	_	
}		((257/103).CCLS.)) and @pd<02012000		
-	6257	(((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
1		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	14:35
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and @pd>02012000		
-	2925	((257/431).CCLS.) or ((257/432).CCLS.) or	USPAT	2002/05/03
	i	((257/433).CCLS.) or ((257/290).CCLS.) or		17:15
1		((257/291).CCLS.) or ((257/292).CCLS.) or		
1		((257/293).CCLS.) or ((257/99).CCLS.) or		
		((257/100).CCLS.) or ((257/101).CCLS.) or	1	
		((257/102).CCLS.) or ((257/103).CCLS.)		2002/05/22
-	1156	((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	20:23
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
1		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and @pd>02012000) and		
	_	array	IICDAT.	2002/05/03
_	3	("5451977").PN.	USPAT;	16:34
			US-PGPUB; EPO; JPO;	10.24
1	1		DERWENT;	
1	(IBM_TDB	

				10000 (05 (00
_	0	("three near6 thyristor near6 array").PN.	USPAT; US-PGPUB;	2002/05/03 16:34
			EPO; JPO; DERWENT; IBM TDB	
_	13	three near6 thyristor near6 array	USPAT; US-PGPUB;	2002/05/03
			EPO; JPO; DERWENT;	
_	6	three-terminal near6 thyristor near6	IBM_TDB USPAT;	2002/05/03
		array	US-PGPUB; EPO; JPO;	16:36
			DERWENT; IBM_TDB	
_	86	(345/44).CCLS.	USPAT; US-PGPUB;	2002/05/03 17:24
	•		EPO; JPO; DERWENT;	
_	100	(345/45).CCLS.	IBM_TDB USPAT;	2002/05/03
			US-PGPUB; EPO; JPO; DERWENT;	17:25
_	120	((((((257/431).CCLS.) or ((257/432).CCLS.)	IBM_TDB USPAT;	2002/05/03
	120	or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.)	US-PGPUB; EPO; JPO;	20:27
		or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.)	DERWENT; IBM TDB	
į		or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and	_	
_	26	array) and shift adj register ((((((257/431).CCLS.) or	USPAT;	2002/05/03
		((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or	US-PGPUB; EPO; JPO; DERWENT;	20:25
		((257/292).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	IBM_TDB	
		((257/103).CCLS.)) and @pd>02012000) and array) and shift adj register) and serial		
_	14		USPAT;	2002/05/03
		((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or	US-PGPUB; EPO; JPO; DERWENT;	20:25
		((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or	IBM_TDB	
		((257/103).CCLS.)) and @pd>02012000) and array) and shift adj register) and serial		
-	14	1	USPAT;	2002/05/03
<u> </u> 		or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.)	US-PGPUB; EPO; JPO;	20:28
ļ		or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.)	DERWENT; IBM_TDB	
		((257/102).CCLS.) and @pd>02012000) and array) and (shift adj register same		
-	7	serial same parallel) (((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/03
		or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.)	US-PGPUB; EPO; JPO;	20:28
		or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.)	DERWENT; IBM_TDB	
		or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and array) and (shift adj register same		
		serial same parallel same array)		

				r
-	0	jp-03519117280\$-\$.did.	USPAT;	2002/05/03
			US-PGPUB;	21:26
			EPO; JPO;	1
			DERWENT;	
•			IBM TDB	
_	31	kamei.in. and yojiro.in.	USPAT;	2002/05/03
		,	US-PGPUB;	21:26
			EPO; JPO;	
			DERWENT;	
	İ		IBM TDB	
		hamai in and maiina in and light add	USPAT;	2002/05/03
-	4	kamei.in. and yojiro.in. and light adj		21:26
		emitting.ti.	US-PGPUB;	21:26
Ì]		EPO; JPO;	1
			DERWENT;	
	·		IBM_TDB	
-	3	("4394653").PN.	USPAT;	2002/05/03
			US-PGPUB;	21:37
	1		EPO; JPO;	
ŀ	l I		DERWENT;	
			IBM TDB	
_	3	("5763909").PN.	USPAT;	2002/05/03
	_	(US-PGPUB;	21:37
{	[EPO; JPO;	
			DERWENT;	1
			IBM TDB	
	336	(345/46) CCTC	USPAT;	2002/05/04
_	326	(345/46).CCLS.	1	10:53
			US-PGPUB;	10:53
			EPO; JPO;	
	!		DERWENT;	
			IBM_TDB	1
-	23		USPAT;	2002/05/05
		US-6180960-\$ or US-6160354-\$ or	US-PGPUB;	20:28
		US-5990802-\$ or US-5763909-\$ or	JPO;	
		US-5844265-\$ or US-4754175-\$ or	DERWENT	
		US-4394653-\$ or US-5483085-\$ or		
	1	US-5451977-\$).did. or		1
		(US-20010010510-\$).did. or (JP-59117280-\$		
Ì	1	or JP-09283792-\$ or JP-09150543-\$ or		1
		JP-03194978-\$ or JP-09216416-\$ or		
	}	JP-01268074-\$).did. or (US-6180960-\$ or	}	1
		JP-03194978-\$ or EP-335553-\$ or		
	00	JP-09150543-\$).did.	HCDAM.	2002/05/05
_	23	(US-6069644-\$ or US-5719591-\$ or	USPAT;	
		US-6180960-\$ or US-6160354-\$ or	US-PGPUB;	20:29
	1	US-5990802-\$ or US-5763909-\$ or	JPO;	
		US-5844265-\$ or US-4754175-\$ or	DERWENT	1
	1	US-4394653-\$ or US-5483085-\$ or		
	1	US-5451977-\$).did. or)]
	1	(US-20010010510-\$).did. or (JP-59117280-\$		
	1	or JP-09283792-\$ or JP-09150543-\$ or	1	
	1	JP-03194978-\$ or JP-09216416-\$ or		
1	\	JP-01268074-\$).did. or (US-6180960-\$ or		
	1	JP-03194978-\$ or EP-335553-\$ or	1	
		JP-09150543-\$).did.		
_	23		USPAT;	2002/05/05
	1	US-6180960-\$ or US-6160354-\$ or	US-PGPUB;	20:29
	1	US-5990802-\$ or US-5763909-\$ or	JPO;	
		US-5844265-\$ or US-4754175-\$ or	DERWENT	
		US-4394653-\$ or US-5483085-\$ or	221111111	
	1	US-5451977-\$).did. or		
	1	1		1
1	1	(US-20010010510-\$).did. or (JP-59117280-\$		
		or JP-09283792-\$ or JP-09150543-\$ or		1
		JP-03194978-\$ or JP-09216416-\$ or	1	
	1	JP-01268074-\$).did. or (US-6180960-\$ or		
		JP-03194978-\$ or EP-335553-\$ or		
	<u> </u>	JP-09150543-\$).did.		
	·	· · · · · · · · · · · · · · · · · · ·		

		5040504	T	10000 /05 /05
] -	23	(US-6069644-\$ or US-5719591-\$ or	USPAT;	2002/05/05
		US-6180960-\$ or US-6160354-\$ or	US-PGPUB;	20:29
		US-5990802-\$ or US-5763909-\$ or	JPO;	
		US-5844265-\$ or US-4754175-\$ or	DERWENT	
		US-4394653-\$ or US-5483085-\$ or		
		US-5451977-\$).did. or		
		(US-20010010510-\$).did. or (JP-59117280-\$	ĺ	1
		or JP-09283792-\$ or JP-09150543-\$ or		
		JP-03194978-\$ or JP-09216416-\$ or		1
		JP-01268074-\$).did. or (US-6180960-\$ or		
		JP-03194978-\$ or EP-335553-\$ or		
		JP-09150543-\$).did.		
-	0	("input adj register same output adj	USPAT;	2002/05/05
		register same parallel same series").PN.	US-PGPUB;	20:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	115	input adj register same output adj	USPAT;	2002/05/05
		register same parallel same series	US-PGPUB;	20:31
			EPO; JPO;	1
			DERWENT;)
	_		IBM TDB	2002/05/25
-	0	(input adj register same output adj	USPAT;	2002/05/05
		register same parallel same series) and	US-PGPUB;	20:32
		(light-emitting or light adj emitting)	EPO; JPO;	
		same thyristor	DERWENT;	
	_	/: manufinadi manistra a anno antenno a di	IBM_TDB	2002/05/05
-	3	(input adj register same output adj	USPAT;	2002/05/05
		register same parallel same series) and	US-PGPUB;	20:34
		(light-emitting or light adj emitting)	EPO; JPO;	
			DERWENT;	}
	_	/	IBM_TDB USPAT;	2002/05/05
_	5	(input adj register same output adj	1	20:34
		register same parallel same series) and	US-PGPUB; EPO; JPO;	20:34
		array same (diode or photodiode)	DERWENT;	
			IBM TDB	
	4	937194.ap.	USPAT;	2002/11/11
	4	93/194.ap.	US-PGPUB;	13:46
			EPO; JPO;	13.40
			DERWENT;	
			IBM TDB	
_	0	ip-02807910\$-\$.did.	USPAT;	2002/11/11
)	US-PGPUB;	13:48
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
-	12	ohno.in. and seiji.in. and thyristor.ab.	USPAT;	2002/11/11
			US-PGPUB;	13:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	\
-	15	ohno.in. and seiji.in. and thyristor	USPAT;	2002/11/11
	1		US-PGPUB;	13:49
1	1		EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	0	ohno.in. and seiji.in.	JPO	2002/11/11
1				13:50
-	2	ohno.in.	JP0	2002/11/11
				13:55
-	52179	ono.in.	JPO	2002/11/11
		l . , ,		13:55
-	658	ono.in. and seiji.in.	JPO	2002/11/11
			770	13:55
_	19	ono.in. and seiji.in. and decrease\$1	JPO	2002/11/11
				13:56
-	1	ono.in. and seiji.in. and decrease\$1 and	JPO	2002/11/11
1		matrix		13:56
-	0	ono.in. and seiji.in. and decrease\$1 and	JPO	2002/11/11
	L	thyristor	<u></u>	13:56

_	0 (ono.in. and seiji.in. and decrease\$1) and (ono.in. and seiji.in. and thyristor) 24 ono.in. and seiji.in. and thyristor	JPO JPO	2002/11/11 13:56 2002/11/11
			17:05